JUL - 7 2000

K001166

# Section E – 510(k) Summary

This summary of 510(k) safety and effectiveness information is being submitted in accordance with the requirements of the SMDA 1990 and 21 CFR § 807.92.

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|---|---|
| **Name:** | Cameron Mahon<br>Director of R & D |
| **Address:** | Excel Tech, Ltd.<br>2568 Bristol Circle<br>Oakville, Ontario<br>Canada, L6H 5S1 |
| **Telephone:** | (905) 829-5300 |
| **Fax:** | (905) 829-5304 |
| **E-mail:** | research@xltek.com |
| **Common Names:** | Therapeutic Ultrasound |
| **Classification Name:** | Stimulator, Ultrasound and Muscle, for use in applying Therapeutic Deep Heat |
| **Predicate Devices:** | Excel Tech Ultra Max [510(k) K944065, formerly called Ultra SX]. |
| **Description:** | The XLTek Ultra V is a Therapeutic Ultrasound |
| **Substantial Equivalence:** | The Ultra V is similar in design and function to the Excel Tech Ultra SX [510(k) K923076, also known as the Ultra Max]. |
| **Indications for Use:** | The Ultra V Therapeutic Ultrasound device provides 1 and 3 MHz ultrasound therapy to provide deep heating effects for the treatment of pain and contractures associated with the chronic and sub-chronic conditions of:<br>1. Adhesive capsulitis, bursitis, bursitis with slight calcification, and myositis.<br>2. Soft tissue injuries and shortened tendons due to past injuries and scar tissue<br>3. Joint contractures resulting from capsular tightness and scarring. |

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

JUL - 7 2000

Mr. Camerom Mahon, P. Eng., M. H. Sc.
Director of R & D
Excel Tech, Ltd.
2568 Bristol Circle
Oakville, Ontario, Canada L6H 5S1

Re: K001166
Trade Name: Ultra V Therapeutic Ultrasound
Regulatory Class: II
Product Code: IMG
Dated: April 7, 2000
Received: April 10, 2000

Dear Mr. Mahon:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general control provisions of the Act. The general control provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic (QS) inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4659. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or at (301) 443-6597, or at its Internet address "http://www.fda.gov/cdrh/dsmamain.html".

Sincerely yours,

Celia M. Witten, Ph.D., M.D.
Director
Division of General, Restorative and
Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

# Section D – Statement of Indications for Use



**510(k) Number (if known):** K001166

**Device Name:** XLTek Ultra V Therapeutic Ultrasound

**Indications for Use:** The Ultra V provides 1 and 3 MHz ultrasound therapy to provide deep heating effects for the treatment of pain and contractures associated with the chronic and sub-chronic conditions of:

1. Adhesive capsulitis, bursitis, bursitis with slight calcification, and myositis.
2. Soft tissue injuries and shortened tendons due to past injuries and scar tissue
3. Joint contractures resulting from capsular tightness and scarring.

(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

Donna R. Vachner
(Division Sign-Off)
Division of General Restorative Devices
510(k) Number K001166

Prescription Use X OR Over-The Counter Use _____
(Per 21§ CFR 801.109)

(Optional Format 1-2-96)